L Number  O pole SAME champfer\$  USPAT; US-PGPUB; EPO; JPO USPAT; USPAT; USPAT;	Time stamp  2003/05/12 10:07  2003/05/12 10:07
O pole SAME champfer\$ USPAT; US-PGPUB; EPO; JPO pole SAME champfer USPAT;	2003/05/12 10:07 2003/05/12
US-PGPUB; EPO; JPO uspat;	10:07 2003/05/12
o pole SAME champfer EPO; JPO USPAT;	10:07 2003/05/12
o pole SAME champfer EPO; JPO USPAT;	2003/05/12
7 0 pole SAME champfer USPAT;	
	10:07
US-PGPUB;	
EPO; JPO	
- 0 post SAME champfer USPAT;	2003/05/12
US-PGPUB;	10:07
EPO: JPO	
- 3 nost WITH shows four	2003/05/12
	10:07
	10:07
- 0 tubular SAME champfer USPAT:	
	2003/05/12
	10:08
EPO; JPO	
- 15 member SAME champfer USPAT;	2003/05/12
US-PGPUB;	10:08
EPO; JPO	
	2003/05/12
	10:09
EPO; JPO	10.09
1 2054 1 3 0220	2002/05/12
USPAI,	2003/05/12
	10:10
EPO; JPO	
	2003/05/12
champfer\$ US-PGPUB;	10:10
EPO: JPO	
0 / / 2 - 0 2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2003/05/12
champfont.	, , – –
1 05 16161/	10:11
[EPO; JPO] (post SAME (zinc NEAR plated)) SAME (USDAM)	
object (alice Mark placed) Same USPAT;	2003/05/12
champfer\$ US-PGPUB;	10:11
EPO; JPO	*
70 post SAME (zinc NEAR plated) USPAT;	2003/05/13
	09:06
EPO; JPO	03.00
	2002/05/12
	2003/05/12
05 20208/	10:12
75 post SAME ((zinc NEAR plated) OR USDAT:	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2003/05/12
champfer\$) US-PGPUB;	10:12
EPO; JPO	
- 49 tubular SAME ((zinc NEAR plated) OR USPAT;	2003/05/13
	09:06
EPO; JPO	
	2003/05/12
-b	
05 15105/ 1	10:13
41 tubular SAME (zinc NEAR plated)   EPO; JPO   USPAT:   2	
OSFAI,	2003/05/12
US-PGPUB;   1	10:13
EPO; JPO	I
o rod SAME (champfered AND (zinc NEAR USPAT; 2	2003/05/12
] ] ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [	10:18
EPO: JPO	
	2003/05/12
1 1 1 1 1 1 1 1 1	
1	10:19
EPO; JPO   1   member SAME (champferS AND (zinc NEAP   USBAT:   2	
mioted)	2003/05/12
	10:19
EPO; JPO	1
- 0 rod SAME (champfer\$ AND (zinc NEAR   USPAT:   2	2003/05/12
nla+ad\\	10:19
EPO; JPO	10.19
	0003 (05 (10
	2003/05/12
05 16100,   1	10:20
EPO; JPO	1
	2003/05/12
plated)) US-PGPUB; 1	10:20
EPO; JPO	ĺ

Search History 5/13/03 4:06:50 PM Page 1

			}	
-		<pre>D tubular SAME (champfer\$ AND (zinc NEAR   plated))</pre>	USPAT;	2003/05/12
			US-PGPUB; EPO; JPO	10:20
-		tubular SAME (champfer AND (zinc NEAR	USPAT;	2003/05/12
ŀ		plated))	US-PGPUB;	10:20
-	1 0	rod SAME (champfer AND (zinc NEAR	EPO; JPO	
		plated))	USPAT; US-PGPUB;	2003/05/12
			EPO; JPO	10:20
-	0	- MENT OF STATE (CHAMPTEL MAD (STATE MEAK	USPAT;	2003/05/12
1		plated))	US-PGPUB;	10:20
-	9	rod SAME champfer\$	EPO; JPO USPAT;	2002/05/12
			US-PGPUB;	2003/05/12 15:35
ļ			EPO; JPO	13.33
-	3	rod SAME champfer	USPAT;	2003/05/13
			US-PGPUB;	08:52
-	8	tubular SAME champfer\$	EPO; JPO USPAT;	2003/05/13
			US-PGPUB;	14:16
1_	1	manhan gave i	EPO; JPO	
-	46	member SAME champfer\$	USPAT;	2003/05/13
			US-PGPUB;	08:58
-	85	rod SAME (zinc NEAR plated)	EPO; JPO USPAT;	2003/05/13
1		F,	US-PGPUB;	09:03
		and MDDD (1)	EPO; JPO	
-	7	rod NEAR (zinc NEAR plated)	USPAT;	2003/05/13
			US-PGPUB;	09:03
-	1	post NEAR (zinc NEAR plated)	EPO; JPO USPAT;	2003/05/13
		, page page page page page page page page	US-PGPUB;	09:06
			EPO; JPO	
-	0	tubular WITH ((zinc NEAR plated) and champfer\$)	USPAT;	2003/05/13
		CHAMPICIA!	US-PGPUB; EPO; JPO	09:07
-	456	297/440.11	USPAT;	2003/05/13
			US-PGPUB;	10:04
_	137	297/440.16	EPO; JPO	
	] 137	29//440.16	USPAT;	2003/05/13
Ì			US-PGPUB; EPO; JPO	10:08
] -	182	297/440.24	USPAT;	2003/05/13
			US-PGPUB;	10:15
_	8	tubular SAME champfer\$	EPO; JPO	
		annutar number cuampiters	USPAT; US-PGPUB;	2003/05/13
			EPO; JPO	10:37
-	967	rod SAME chamfer	USPAT;	2003/05/13
	]	·	US-PGPUB;	10:38
-	2751	rod SAME chamfer\$	EPO; JPO	2002/05/12
	• •	· · · · · · · · · · · · · · · · · ·	USPAT; US-PGPUB;	2003/05/13 10:38
		•	EPO; JPO	10.50
-	3	rod SAME (chamfer\$ WITH (zinc))	USPAT;	2003/05/13
			US-PGPUB;	11:06
-	0	<pre>post SAME (chamfer\$ WITH (zinc))</pre>	EPO; JPO USPAT;	2002/05/12
		1 111 (2110))	US-PGPUB;	2003/05/13
			EPO; JPO	20,10
-	1	<pre>pole SAME (chamfer\$ WITH (zinc))</pre>	USPAT;	2003/05/13
			US-PGPUB;	10:40
_ 0	0	tubular SAME (chamfer\$ WITH (zinc))	EPO; JPO USPAT;	2002/05/12
		WITH (ZINO))	US-PGPUB;	2003/05/13 10:41
	_		EPO; JPO	
	7	tubular SAME (chamfer\$ AND (zinc))	USPAT;	2003/05/13
		i	US-PGPUB;	11:05
	<del></del>		EPO; JPO	

-	16	rod SAME (chamfer\$ AND (zinc))	USPAT;	2003/05/13
1			US-PGPUB;	10:48
			EPO; JPO	
-	] 3	post SAME (chamfer\$ AND (zinc))	USPAT;	2003/05/13
			US-PGPUB;	10:49
			EPO; JPO	
-	7	tubular SAME (chamfer\$ AND (zinc))	USPAT;	2003/05/13
	-	(22)	US-PGPUB;	
				10:50
-	100	member SAME (chamfer\$ AND (zinc))	EPO; JPO	
	100	member SAME (CHamiters AND (ZINC))	USPAT;	2003/05/13
			US-PGPUB;	10:51
	١ .		EPO; JPO	
-	9	rod SAME (chamfer\$ SAME (zinc))	USPAT;	2003/05/13
			US-PGPUB;	10:52
			EPO; JPO	
-	0	post SAME (chamfer\$ SAME (zinc))	USPAT;	2003/05/13
			US-PGPUB;	10:52
1			EPO; JPO	110.32
-	2	pole SAME (chamfer\$ SAME (zinc))	USPAT;	2003/05/13
ł		(12.10)//		· ·
			US-PGPUB;	10:52
_	2	tubular SAME (chamfer\$ SAME (zinc))	EPO; JPO.	
	-	Conducted SAME (ZINC))	USPAT;	2003/05/13
	}		US-PGPUB;	10:53
1_			EPO; JPO	1
-	0	post SAME (chamfer\$ WITH zinc)	USPAT;	2003/05/13
1			US-PGPUB;	11:05
			EPO; JPO	
-	0	tubular SAME (chamfer\$ WITH zinc)	USPAT;	2003/05/13
1			US-PGPUB;	11:05
1	-		EPO; JPO	11.03
-	j 3	rod SAME (chamfer\$ WITH zinc)	1	2002/05/12
1	1	WITH ZINC)	USPAT;	2003/05/13
			US-PGPUB;	11:06
1_	0	DOST SAME (chamfout said	EPO; JPO	<u> </u>
1	1	post SAME (chamfer\$ SAME zinc)	USPAT;	2003/05/13
			US-PGPUB;	11:07
			EPO; JPO	]
-	2	pole SAME (chamfer\$ SAME zinc)	USPAT;	2003/05/13
1			US-PGPUB;	11:07
			EPO; JPO	
-	2	tubular SAME (chamfer\$ SAME zinc)	USPAT;	2003/05/13
		, seemed to the building	US-PGPUB;	
1				11:07
-	9	rod SAME (chamfer\$ SAME zinc)	EPO; JPO	1 2002 /25 /55
1	1	STEED (CHARLET & SMIE ZINC)	USPAT;	2003/05/13
	]		US-PGPUB;	11:07
]_	37	mail = NEDD   3.4	EPO; JPO	
1	37	pole NEAR bevel\$	USPAT;	2003/05/13
			US-PGPUB;	13:54
			EPO; JPO	
-	0	rod NEAR (bevel\$ SAME zinc)	USPAT;	2003/05/13
		<u> </u>	US-PGPUB;	13:55
	1		EPO; JPO	15.55
-	0	post NEAR (bevel\$ SAME zinc)	·	2002/05/22
	!	( OLT DINE ZINC)	USPAT;	2003/05/13
			US-PGPUB;	13:55
l _	0	nolo NEAD /horrald care '	EPO; JPO	
	1	pole NEAR (bevel\$ SAME zinc)	USPAT;	2003/05/13
1			US-PGPUB;	13:55
			EPO; JPO	
-	0	tubular NEAR (bevel\$ SAME zinc)	USPAT;	2003/05/13
Ī	1	•	US-PGPUB;	13:55
1	]		EPO; JPO	13.33
-	l oi	postrod SAME (bevel\$ SAME zinc)		3003 (05 (3.3
1		F DIAID (DEVELY SMIR ZINC)	USPAT;	2003/05/13
	[ [		US-PGPUB;	13:55
l _	6	tubular CAME (hamala care	EPO; JPO	
	ا ۳	tubular SAME (bevel\$ SAME zinc)	USPAT;	2003/05/13
	]		US-PGPUB;	13:56
	_		EPO; JPO	
<del>-</del>	7	rod SAME (bevel\$ SAME zinc)	USPAT;	2003/05/13
			US-PGPUB;	14:00
			EPO; JPO	

-	2	post SAME (bevel\$ SAME zinc)	USPAT;	2003/05/13
	İ		US-PGPUB;	14:01
			EPO; JPO	
_	6	pole SAME (bevel\$ SAME zinc)	1	2002/05/12
	_	Port Sizin (Severy Sizin Zine)	USPAT;	2003/05/13
	1		US-PGPUB;	14:02
		,	EPO; JPO	
-	237	rod NEAR bevel\$	USPAT;	2003/05/13
İ			US-PGPUB;	14:03
			EPO; JPO	
-	48	tubular NEAR bevel\$	USPAT;	2003/05/13
			1	
			US-PGPUB;	14:07
1	1		EPO; JPO	
-	55	post NEAR bevel\$	USPAT;	2003/05/13
			US-PGPUB;	14:08
			EPO; JPO	
-	50	rod WITH (zinc NEAR plated)	USPAT;	2003/05/13
	1	( and  passa,	US-PGPUB;	
				14:12
1_	5	nect CAME	EPO; JPO	1
] -	1	post SAME champfer\$	USPAT;	2003/05/13
			US-PGPUB;	14:12
			EPO; JPO	i
-	23289	rod SAME taper\$	USPAT;	2003/05/13
1			US-PGPUB;	14:16
			· ·	1 4.10
_	7547	post SAME taper\$	EPO; JPO	
1	1341	post same tapers	USPAT;	2003/05/13
			US-PGPUB;	14:17
			EPO; JPO	
-	3922	pole SAME taper\$	USPAT;	2003/05/13
			US-PGPUB;	14:17
				14:1/
_	23719	tubulan CAME tamano	EPO; JPO	
	23/13	tubular SAME taper\$	USPAT;	2003/05/13
			US-PGPUB;	14:18
			EPO; JPO	
-	12645	rod WITH taper\$	USPAT;	2003/05/13
		•	US-PGPUB;	14:17
			EPO; JPO	1 74.1/
l _	666	post NEAR taper\$	1	0000 (05 (55
	000	post NEAR tapers	USPAT;	2003/05/13
			US-PGPUB;	14:17
ĺ			EPO; JPO	
-	464	pole NEAR taper\$	USPAT;	2003/05/13
1		<u>-</u>	US-PGPUB;	14:17
	!	•	1	14.17
l _	1261	tubular NEAR taper\$	EPO; JPO	
Ī	1201	congrat MEMY (abel)	USPAT;	2003/05/13
1	j		US-PGPUB;	14:18
			EPO; JPO	ļ
-	0	rod NEAR (taper\$ AND zinc)	USPAT;	2003/05/13
	]	•	I	
			US-PGPUB;	14:19
_	ا م	nole NEAD /tament AND -'	EPO; JPO	
	ا ت	pole NEAR (taper\$ AND zinc)	USPAT;	2003/05/13
			US-PGPUB;	14:19
			EPO; JPO	
_	0	tubular NEAR (taper\$ AND zinc)	USPAT;	2003/05/13
		1 - 1 - 21	US-PGPUB;	14:19
			. 1	14:13
_	ا ہا	MACH MARK / Lawrence - 1	EPO; JPO	
_	4	post NEAR (taper\$ AND zinc)	USPAT;	2003/05/13
	] [		US-PGPUB;	14:19
			EPO; JPO	
_	1718	rod NEAR taper\$	USPAT;	2003/05/13
1			· ·	
İ			US-PGPUB;	14:22
			EPO; JPO	<u> </u>
-	103	rod NEAR chamfer\$	USPAT;	2003/05/13
			US-PGPUB;	14:23
			EPO; JPO	125
_	17	tubular NEAR chamfer\$		2002/05/22
	1 1	capatat NAVV CHamtets	USPAT;	2003/05/13
			US-PGPUB;	14:27
			EPO; JPO	1